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		Attorney Doci	ket Number	
DECLARATION FOF DESIGN		First Named I	nventor	Jing Wang
PATENT APPLI	=		COMPLETE II	F KNOWN
(37 CFR 1.		Application Nu		/
•		Filing Date		/2000
Submitted OR Su	eclaration Ibmitted after Initia		t	
Filing (37	ing (surcharge 7 CFR 1.16 (e)) quired)	Examiner Nan	ne	
As a below named inventor, I h My residence, post office address I believe I am the original, first an names are listed below) of the su	s, and citizenship are as ad sole inventor (if only object matter which is cl	one name is listed belo	w) or an original.	first and joint inventor (if plural on the invention entitled:
USB Host Sys	stem			
the specification of which is attached hereto OR was filed on (MM/DD/YYY Application Number I hereby state that I have reviewed amended by any amendment spec I acknowledge the duty to disclose	and was	s amended on (MM/DD/ ontents of the above ide ve.	entified specification	
I hereby claim foreign priority bene certificate, or 365(a) of any PCT in America, listed below and have also or of any PCT international application	nternational application	i which designated at li becking the box, any for	least one country reign application f	other than the United States of for patent or inventor's certificate.
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES NO
			0000	0000
Additional foreign application nu	mbers are listed on a s	supplemental priority da	ta sheet PTO/SB	/02B attached hereto:
I hereby claim the benefit under 35			al application(s) I	isted below.
60/117,313	01/26/199	99	numb	tional provisional application pers are listed on a lemental priority data sheet

[Page 1 of 2]
Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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DECLARATION — Utility or Design Patent Application

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Name	Pi	ng Liang											
Address	Tr	ansDimensio	n Inter	mationa	al Corp	oration	1						
Address	36	37 Canyon C	crest D	rive J1	00								
City	Ri	verside					Si	ate	CA	ZIP	925	507	
Country	US	SA		Tel	ephone	909-	583-3	3600		Fax	909	-683-3861	
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Name of So	ole or I	First Invento	r:					A petiti	on has bee	n filed fo	r this u	ınsigned inve	ntor
Gi	ven Na	me (first and m	niddle (if	any])						ily Name	or Su	mame	
	Jing	N 1							W	ang			
Inventor's Signature		THE	J	_								Date	1/24/00
Residence: C	ity	Riverside	- 0		State	CA	C	ountry	USA			Citizenship	USA
Post Office Ad	idress	158 Cleary	wood A										
Post Office A	idress												
City		Riverside	State	CA		ZIP	92	506		Cou	ntry	USA	
	invento	rs are being na	amed or	n the <u>1</u>	supp	elementa	I Add	itional	Inventor(s)	sheet(s)	PTO/	SB/02A attac	hed hereto

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number.

DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

Name of Additio	nal Joint Inventor, if a	ny:			A petitic	on has been file	d for thi	a unaig	ned in	rentor
Given No	ame (first and middle (if an	yD (Iv				Family Nar	ne or S	umame		
Ping						Liang				
inventor's Signature	J. 49 0	Puf						Dete		1/24/2000
Residence: City	Riverside	State	CA		Country	USA		Citizani	sNp	USA
Poet Office Address	14443 Pear Street									
Post Office Address										· • · · · · · · · · · · · · · · · · · ·
City	Riverside	State	CA		ZIP	92508	Country	US	Α	
Name of Additio	nal Joint Inventor, if a	ny:			A petitio	n has been filed	for this	unaig:	ned inv	entor
Given Ne	me (first and middle (if any	10		\perp		Family Nan	w or S	urname		
Xiaogar	ng					Luo				
Inventor's Signature	Hingang	مسا						De	rte	1/24/2000
Residence: City	Montevideo	State	MN		Соип try	USA		Citize	nehip	China
Post Office Address	2002 Black Oak Ave									
Post Office Address										
City	Montevideo	State	MN		ZIP	56265	Count	_{ry} 1	USA	
Name of Addition	nal Joint Inventor, if ar	ny:			A pethio	n has been filed	for this	unaigr	ned inv	entor
Given Na	me (first and middle (if any	D				Family Nam	e or Si	ımame		
Inventor's Signeture								De	te	
Residence: City		State			Country			Citize	nship	
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Approved for use through 9/30/00. OMB 0651-0031 Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. STATEMENT CLAIMING SMALL ENTITY STATUS Docket Number (Optional) (37 CFR 1.9(f) & 1.27(b))--INDEPENDENT INVENTOR Applicant, Patentee, or Identifier: Jing Wang, Ping Liang and Xiaogang Luo Unkown Application or Patent No .: _ Herewith Filed or Issued: USB Host Module As a below named inventor, I hereby state that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees to the Patent and Trademark Office described in: the specification filed herewith with title as listed above. the application identified above. the patent identified above. I have not assigned, granted, conveyed, or licensed, and am under no obligation under contract or law to assign, grant, convey, or license, any rights in the invention to any person who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e). Each person, concern, or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below: No such person, concern, or organization exists. Each such person, concern, or organization is listed below. TransDimension International Corporation 3637 Canyon Crest Drive, J100C Riverside, CA 92507 Separate statements are required from each named person, concern, or organization having rights to the invention stating their status as small entities. (37 CFR 1.27) I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)) Jing Wang Ping Liang Xiaogang Luo NAME OF INVENTOR NAME OF INVENTOR NAME OF INVENTOR Signature of inventor 1/25/99

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STATEMENT CLAIMING SMA (37 CFR 1.9(f) & 1.27(b))IND	LL ENTITY STATUS EPENDENT INVENTOR	Docket Number (Optional)
Applicant, Patentee, or Identifier:	ng Wang, Ping Liang and Xiaogang Luo	
Application or Patent No.: Unknow		
Filed or Issued: Herewith		
Title: USB Host System		
As a below named inventor, I herel for purposes of paying reduced fee	by state that I qualify as an independent in s to the Patent and Trademark Office desc	ventor as defined in 37 CFR 1.9(c) cribed in:
X the specification filed herew	ith with title as listed above.	
the application identified abo	ove.	
the patent identified above.		
grant, convey, or license, any rights under 37 CFR 1.9(c) if that person	eyed, or licensed, and am under no obliga in the invention to any person who would no had made the invention, or to any concer 9(d) or a nonprofit organization under 37 (ot qualify as an independent inventor n which would not qualify as a small
Each person, concern, or organiza obligation under contract or law to	tion to which I have assigned, granted, co assign, grant, convey, or license any righ	onveyed, or licensed or am under an ts in the invention is listed below:
No such person, concern,	or organization exists.	
X Each such person, conce	rn, or organization is listed below.	
TransDimension Internal 3637 Canyon Crest Driv Riverside, CA 92507		
Separate statements are required f stating their status as small entitie	rom each named person, concern, or organs. s. (37 CFR 1.27)	nization having rights to the invention
entitlement to small entity status i	is application or patent, notification of any orior to paying, or at the time of paying, e on which status as a small entity is no lor	the earliest of the issue fee or any
Jing Wang	Ping Liang	Xiaogang Luo
NAME OF INVENTOR	NAME OF INVENTOR	NAME OF INVENTOR
- Harling	Hang pro	Kingay Luo/xp
Signature of Tovento	Signature of inventor	Signature of Inventor
1/24/00	1/24/2000	1/24/2000
Date	Date	Date

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Page 278 required to respond to a collection of information unless it displays a valid OMB control number.

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)) NAME OF PERSON SIGNING Ping Liang TITLE OF PERSON IF OTHER THAN OWNER President ADDRESS OF PERSON SIGNING 14443 Pear Street, Riverside, CA 92507	nder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless	s it displays a valid OMB control numb
Application of PatentNo: Unknown Filedor Issued: Herewithin Title: USB HOST SYSTEM I hereby state that I am		Docket Number (Optional)
Application or PatentNo: _Unknown	Applicant Potentia orlidarifier: Jing Wang, Ping Liang and Xiaogang Luo	
Filedor Issued: Herewithin Title: USB HOST SYSTEM hereby state that I am the owner of the small business concern identified below: an official of the small business concern empowered to act on behalf of the concern identified below:	Applicant, Fatentee, or identifier.	
Thereby state that I am	FiledorIssued: Herewithin	
the owner of the small business concern identified below: NAMEOF SMALL BUSINESS CONCERN	Title: USB HOST SYSTEM	
ADDRESS OF SMALL BUSINESS CONCERN 3637 Canyon Crest Drive J100	 the owner of the small business concern identified below: an official of the small business concern empowered to act on behalf of the concern 	
ADDRESS OF SMALL BUSINESS CONCERN 3637 Canyon Crest Drive J100	NAME OF SMALL BUSINESS CONCERN TransDimension International Corporation	on
I hereby state that the above identified small business concern qualifies as a small business concern as defined in 13 CFR Part 121 for purposes of paying reduced fees to the United States Patent and Trademark Office, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time, or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control both. I hereby state that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in: The rights held by the above identified small business concern are not exclusive, each individual, concern, or organization having rights in the invention must file separate statements as to their status as small entities, and no rights to the invention are held by any person, other than the inventior, who would not qualify as an independent inventor under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e). Each person, concern, or organization having any rights in the invention is listed below: cach person, concern, or organization having any rights in the invention is listed below: cach person, concern, or organization having any rights in the invention of any change in status resulting in loss of entitlement to small entities. (37 CFR 1.27) I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)) NAME OF PERSON		
13 CFR Part 121 for purposes of paying reduced fees to the United States Patent and Trademark Office, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time, or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control both. I hereby state that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in: hereby state that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in: hereby state that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in: hereby state that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in: hereby state that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in: hereby state that rights under contract or law have been conveyed to and remain with the small business concern or organization identified above. the rights held by the small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c). characteristic particles and individual, concern, or organization having any rights in the invention is listed below: lacknowledge the duty to file, in this application or patent, notification of any change	Riverside, CA 92507	
the specification filed herewith with title as listed above. the application identified above. If the rights held by the above identified small business concern are not exclusive, each individual, concern, or organization having rights in the invention must file separate statements as to their status as small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e). Each person, concern, or organization having any rights in the invention is listed below: no such person, concern, or organization exists. each such person, concern, or organization exists. each such person, concern, or organization is listed below. Separate statements are required from each named person, concern or organization having rights to the invention stating their status as small entities. (37 CFR 1.27) I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)) NAME OF PERSON SIGNING Ping Liang TITLE OF PERSON IF OTHER THAN OWNER President 14443 Pear Street, Riverside, CA 92507	13 CFR Part 121 for purposes of paying reduced fees to the United States Patent and Trader of employees of the concern, including those of its affiliates, does not exceed 500 persons. F (1) the number of employees of the business concern is the average over the previous fiscal year employed on a full-time, part-time, or temporary basis during each of the pay periods of the are affiliates of each other when either, directly or indirectly, one concern controls or has the	nark Office, in that the number or purposes of this statement, ar of the concern of the persons is fiscal year, and (2) concerns
the application identified above. If the rights held by the above identified small business concern are not exclusive, each individual, concern, or organization having rights in the invention must file separate statements as to their status as small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e). Each person, concern, or organization having any rights in the invention is listed below: no such person, concern, or organization exists. each such person, concern, or organization is listed below. Separate statements are required from each named person, concern or organization having rights to the invention stating their status as small entities. (37 CFR 1.27) I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)) NAME OF PERSON SIGNING Ping Liang TITLE OF PERSON IF OTHER THAN OWNER President ADDRESS OF PERSON SIGNING 14443 Pear Street, Riverside, CA 92507		th the small business concern
organization having rights in the invention must file separate statements as to their status as small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e). Each person, concern, or organization having any rights in the invention is listed below: no such person, concern, or organization exists. each such person, concern, or organization is listed below. Separate statements are required from each named person, concern or organization having rights to the invention stating their status as small entities. (37 CFR 1.27) I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)) NAME OF PERSON SIGNING Ping Liang TITLE OF PERSON IF OTHER THAN OWNER President ADDRESS OF PERSON SIGNING 14443 Pear Street, Riverside, CA 92507	the application identified above.	·
Separate statements are required from each named person, concern or organization having rights to the invention stating their status as small entities. (37 CFR 1.27) I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)) NAME OF PERSON SIGNING Ping Liang TITLE OF PERSON IF OTHER THAN OWNER President ADDRESS OF PERSON SIGNING 14443 Pear Street, Riverside, CA 92507	organization having rights in the invention must file separate statements as to their status a to the invention are held by any person, other than the inventor, who would not qualify as at 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify	s small entities, and no rights n independent inventor under
I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)) NAME OF PERSON SIGNING Ping Liang TITLE OF PERSON IF OTHER THAN OWNER President ADDRESS OF PERSON SIGNING 14443 Pear Street, Riverside, CA 92507	no such person, concern, or organization exists.	w:
entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)) NAME OF PERSON SIGNING Ping Liang TITLE OF PERSON IF OTHER THAN OWNER President ADDRESS OF PERSON SIGNING 14443 Pear Street, Riverside, CA 92507	Separate statements are required from each named person, concern or organization stating their status as small entities. (37 CFR 1.27)	having rights to the invention
TITLE OF PERSON IF OTHER THAN OWNER President ADDRESS OF PERSON SIGNING 14443 Pear Street, Riverside, CA 92507	entitlement to small entity status prior to paying, or at the time of paying, the earliest of the	issue fee or any maintenance
TITLE OF PERSON IF OTHER THAN OWNER President ADDRESS OF PERSON SIGNING 14443 Pear Street, Riverside, CA 92507	NAME OF PERSON SIGNING Ping Liang	
ADDRESS OF PERSON SIGNING		
	ADDRESS OF PERSON SIGNING 14443 Pear Street, Riverside, CA 92507	
SIGNATURE DATE 1/28/2000	1 1 20 -1	1/24/2000

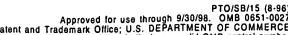


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ASSIGNMENT	OF APPLICATION	Docket Number (Optional)
Whereas, I, Jing Wang	of Riverside, CA	, hereafte
referred to as applicant, have invented	ed certain new and useful improvements i	in
USB Hos	t System	
for which an application for a Application Number	United States Patent was filed on 1/24/2	000 and enclosed herewithin
• •	United States Patent was executed on _	, and
TransDimension Internation Whereas, Corporation	nalofRiverside, CA	herein referred to
"assignee" whose post office address	is3637 Canyon Crest Drive J100, Rivers	ide, CA 92507 is de
sirous of acquiring the entire right, titl	le and interest in the same;	
Now, therefore, in consideration of the	e sum of <u>one</u> dollars (\$ <u>1.00</u>	_), the receipt whereof is ac-
knowledged, and other good and value	uable consideration, I, the applicant, by th	nese presents do sell, assign
and transfer unto said assignee the fu	ull and exclusive right to the said invention	n in the United States and the
entire right, title and interest in and to	any and all Patents which may be granted	therefor in the United States,
I hereby authorize and request the C	commissioner of Patents and Trademark	s to issue said United States
Patent to said assignee, of the entire	right, title, and interest in and to the same	, for his sole use and behoof;
and for the use and behoof of his lega	al representatives, to the full end of the ter	rm for which said Patent may
be granted, as fully and entirely as the	e same would have been held by me had	this assignment and sale not
been made.	_	ರಾಜ್ಯ
Executed this 24	day of Sanary	18 2000
at Riverside	California	·
	of the	1
State of ALFORDIA SS: County of ANERSIDE) Before me personally appeared said and acknowledged the foregoing instr	JING WANG	Signature)
day of JANUARY, 1857 200	allest	Predal
Seal		lotary Public)

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SALLY RINGDAHL
Commission #1170396
Notary Public - California
Riverside County
My Comm. Expires Jan 18, 2002



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ASSIGNMENT OF APPLICATION	N	Docket Number (Optional)
Whereas, I, Ping Liang of F	Riverside, CA	, hereafter
referred to as applicant, have invented certain new and u	useful improvements i	n
USB Host System		
for which an application for a United States Pater Application Number//	nt was filed on	000 and enclosed herewithin,
for which an application for a United States Pate	nt was executed on _	, and
TransDimension International Whereas, Corporation of Ri	verside, CA	herein referred to
"assignee" whose post office address is3637 Canyon C	rest Drive J100, Rivers	ide, CA 92507 is de-
sirous of acquiring the entire right, title and interest in the	e same;	
Now, therefore, in consideration of the sum ofone	_ dollars (\$_1.00	_), the receipt whereof is ac-
knowledged, and other good and valuable consideration	, I, the applicant, by th	ese presents do sell, assign
and transfer unto said assignee the full and exclusive rig	ht to the said invention	in the United States and the
entire right, title and interest in and to any and all Patents	which may be granted	therefor in the United States,
I hereby authorize and request the Commissioner of Pa	tents and Trademarks	s to issue said United States
Patent to said assignee, of the entire right, title, and interest	est in and to the same,	, for his sole use and behoof;
and for the use and behoof of his legal representatives, t	o the full end of the ter	m for which said Patent may
be granted, as fully and entirely as the same would have	been held by me had	this assignment and sale not
been made.	ı	P.I
Executed this 24 day of day of	anuary	18 2000
at Kiverside, Caryona		
State of ALFORNIA) SS: County of RINERSINE) Before me personally appeared said	IANG	Signature) Signature)
Seal	A	otary Pyrolic)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be seny to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

SALLY RINGDAHL Commission #1170396 Notary Public - California Riverside County My Comm. Expires Jan 18, 2002





PTO/SB/15 (8-96)

Approved for use through 9/30/96. OMB 0651-0027

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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SL MTI ENG

	APPLICATION	Docket Number (Optional)
Whereas, I, Xiaogang Luo	of Montevideo, MN	, hereafte
referred to as applicant, have invented of	certain new and useful improvements	3 in
USB Host Sy	ystem	
for which an application for a Un Application Number/	nited States Patent was filed on 1/24/2	2000 and enclosed herewithin
for which an application for a Un	nited States Patent was executed on	, and
TransDimension International Whereas, Corporation	of Riverside, CA	herein referred to
"assignee" whose post office address is _		
sirous of acquiring the entire right, title a		
Now, therefore, in consideration of the s	um of dollars (\$_1.00), the receipt whereof is ac-
knowledged, and other good and valuab	ple consideration, I, the applicant, by	these presents do sell, assign
and transfer unto said assignee the full a	and exclusive right to the said invention	on in the United States and the
entire right, title and interest in and to any		
entire right, title and interest in and to any	y and all Patents which may be grante	ed therefor in the United States
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